


 <b>Institut de la Corrosion</b> French Corrosion Institute EXP-FOR-253-2	<i>Coil – Field - Certificate EN 10169</i>	TATA Steel UK Research, Development & Technology Swinden Technology Centre Moorgate, Rotherham S60 3AR UK
--	--	---

### Classification of Natural Weathering [Type of Panels 2 – EN 13523-19]

Panel Identification No & Description	Start of Exposure	Date of Inspection	Accumulative Time of Exposure (months)	Exposure Site & Corrosivity Category (EN ISO 12944-2)	Orientation of Exposed Panel
<b>18KR350:</b> Colorcoat Prisma – Textured, Sargasso Textured, ZA255 (laboratory applied intermediate & textured coat with a nominal dry film thickness of 70µm)	15/03/20219	17/03/2021	2 years	Sainte Anne BREST (France) Carbon Steel – C5 (Very High) Zinc – C3 (medium)	90° North
<b>Average Edge Delamination (mm)</b>		<b>Damage on Bend</b>		<b>Blistering</b>	
Conforms to RC5 requirements		Conforms to RC5 requirements		Conforms to RC5 requirements	
<b>Corrosion Resistance Category (as defined by EN 10169)</b>					
The coil coated material <b>18KR350</b> as described above may be classified RC5 according to the standard EN10169.					

Brest, June 21 <sup>th</sup> , 2021	
<b>Written by</b> Déborah LE BERRE  	<b>Approved by</b> Nathalie Le Bozec

**Appendix: photographs of the samples**

